EXHIBIT 300   **UII 422-000001327**

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2010-03-18
Date of Last Change to Activities: 2012-08-30
Investment Auto Submission Date: 2012-02-29
Date of Last Investment Detail Update: 2011-09-16
Date of Last Exhibit 300A Update: 2012-08-30
Date of Last Revision: 2012-08-30

Agency: 422 - National Science Foundation   **Bureau:** 00 - Agency-Wide Activity

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: iTRAK

2. Unique Investment Identifier (UII): 422-000001327

Section B: Investment Detail

1. **Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

   iTRAK is a major initiative to modernize NSF's financial management capabilities with a commercial-off-the-shelf (COTS) core financial management solution and interfaces in a shared services environment. iTRAK will replace NSF's existing Financial Accounting System (FAS), which is becoming technically and functionally outdated by growing mission-driven business demands and regulatory requirements. NSF needs to modernize its legacy financial accounting system (FAS), which is over 20 years old and is becoming technically and functionally outdated by growing mission-driven business demands and regulatory requirements. FAS cannot provide the robust financial management functionality needed in today's business environment and required by NSF to provide more accurate and reliable financial information for both external and internal stakeholders. iTRAK will provide NSF internal customers including financial staff, administrative staff, and Program managers, with improved funds management capability, reporting capabilities, and automated business processes. iTRAK will also strengthen internal controls by providing system edit checks and audit trails for all financial transactions. Through new functional capabilities and business process automation and standardization, iTRAK will help to improve NSF's operational excellence and enable efficient, effective execution of financial activities and business operations on behalf of NSF's external customers, science and education grantees. NSF Programs and grantees will also receive better, more timely financial information to manage

their portfolios more effectively. An updated analysis of alternatives conducted in 2010 to comply with OMB Memo 10-26. Alt 2, 18-Month Approach, was selected as the superior alternative, resulting in the lowest risk-adjusted lifecycle cost, the highest NPV and ROI, and the highest value score.

2. **How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

iTRAK modernizes NSF's current financial management environment and provides an integrated financial management and business solution by way of an SSP. iTRAK is replacing the legacy financial accounting system (FAS), which has supported NSF for over 20 years. FAS has many manual processes with a high potential for human error and duplication of effort, which jeopardizes NSF's history of clean audit opinions. Recent financial statement audits have identified findings concerning the number and amount of manual journal entries. Additionally, because FAS is built on outdated technology, upgrading FAS to comply with new Federal regulations (i.e., TIPRA, GWA, CGAC, and ARRA) will be extremely costly. A growing number of variances between current FAS functionality and the most recent OMB/FSIO requirements have also been identified. iTRAK facilitates automates labor-intensive manual business processes and complies with revised A-127 requirements mandating use of FSIO-certified COTS systems for core financials and adoption of FSIO standard government business practices and requirements, including the CGAC structure. iTRAK will enable NSF to achieve process efficiencies and economies of scale in financial management operations and the provision of timely, accurate data for decision-making. The following NSF legacy gaps have been indentified and will be closed as part of the iTRAK project: Inadequate automated processing support and controls: Increase capabilities for more information operational and programmatic decision-making, Lack of standard business processes and key functionality: Improve effectiveness and efficiency of financial and business processes, Transparency (Federal Funding Accountability and Transparency Act and American Recovery and Reinvestment Act requirements) and Non-Compliant risks): Enhance Financial and business accountability, integrity, and compliance.

3. **Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

Prior Year Accomplishments (2011) 1. Continued data clean-up activities. 2. Developed iTRAK Performance Management Plan. 3. Developed To Be Requirements, Process Flows, and Requirements Traceability Matrices for: General Ledger, Payment Management, Receivable Management, Cash Management, Purchasing, Grants, Cost and Reimbursable Management, Budget Execution, System Management, Reporting Management, and Technical Capability. 4. Developed functional requirements for the new Grant-by Grant payment method. 5. Launched the iTRAK intranet website. 6. Conducted a series of two iTRAK Town Hall Meetings. 7. Held Industry Day, in which Federal and commercial shared service providers and integrators presented.

4. **Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

EXHIBIT 300   **UII 422-000001327**

CY 2012 Complete acquisition process and award iTRAK implementation contract, continue data clean-up activities, perform configuration workshops, develop gap analysis and continue organizational change management and stakeholder outreach. BY 2013 Purchase software licenses, continue data clean-up, execute system configuration, conduct conference room pilot, develop interfaces, perform data conversion and migration, system testing, training and communication activities.

5. **Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2008-12-09

EXHIBIT 300   **UII 422-000001327**

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding				
	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	$1.6	$0.0	$0.3	$0.0
DME (Excluding Planning) Costs:	$0.0	$1.6	$5.3	$11.7
DME (Including Planning) Govt. FTEs:	$0.7	$1.1	$1.9	$1.9
Sub-Total DME (Including Govt. FTE):	$2.3	$2.7	$7.5	$13.6
O & M Costs:	$0.0	$0.0	$0.0	$0.0
O & M Govt. FTEs:	$0.0	$0.0	$0.0	$0.0
Sub-Total O & M Costs (Including Govt. FTE):	0	0	0	0
Total Cost (Including Govt. FTE):	$2.3	$2.7	$7.5	$13.6
Total Govt. FTE costs:	$0.7	$1.1	$1.9	$1.9
# of FTE rep by costs:	4	6	11	11

Total change from prior year final President's Budget ($)		$2.7	$7.5	
Total change from prior year final President's Budget (%)				

EXHIBIT 300   **UII 422-000001327**

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

No

EXHIBIT 300   **UII 422-000001327**

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy											
Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value ($M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded		NSFDACS08D1570	GS10F0466N	4730							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

The contract identified above is for project management support and not for implementation or delivery of functionality.

EXHIBIT 300

UII 422-000001327

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-08-30

Section B: Project Execution Data

Table II.B.1 Projects					
Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)
3741	iTRAK Core Financial	iTRAK is a major initiative to modernize NSF's financial management capabilities with a commercial-off-the-shelf (COTS) core financial management solution and interfaces in a shared services environment. iTRAK will replace NSF's existing Financial Accounting System (FAS), which is becoming technically and functionally outdated by growing mission-driven business demands and regulatory requirements. NSF needs to modernize its legacy financial accounting system (FAS), which is over 20 years old and is becoming technically and functionally outdated by growing mission-driven business demands and regulatory requirements. FAS cannot provide the robust financial management functionality needed in today's business environment and required by NSF to provide				

EXHIBIT 300   **UII 422-000001327**

		Table II.B.1 Projects			
Project ID	**Project Name**	**Project Description**	**Project Start Date**	**Project Completion Date**	**Project Lifecycle Cost ($M)**
		more accurate and reliable financial information for both external and internal stakeholders. iTRAK will provide NSF internal customers including financial staff, administrative staff, and Program managers, with improved funds management capability, reporting capabilities, and automated business processes. iTRAK will also strengthen internal controls by providing system edit checks and audit trails for all financial transactions. Through new functional capabilities and business process automation and standardization, iTRAK will help to improve NSF's operational excellence and enable efficient, effective execution of financial activities and business operations on behalf of NSF's external customers, science and education grantees. NSF Programs and grantees will also receive better, more timely financial information to manage their portfolios more effectively. An updated analysis of alternatives conducted in 2010 to comply with OMB Memo 10-26. Alt 2, 18-Month Approach, was selected as the superior alternative, resulting in the lowest risk-adjusted lifecycle cost, the highest NPV and ROI, and the highest value score.			

Activity Summary

EXHIBIT 300　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**UII 422-000001327**

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)	Total Planned Cost ($M)	Count of Activities

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)	Total Planned Cost ($M)	Count of Activities
3741	iTRAK Core Financial							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
3741	iTRAK Core Financial - Planning	Acquisition, continue data clean-up, BPR activities	2012-03-31	2012-08-31		182	-153	-84.07%

EXHIBIT 300   **UII 422-000001327**

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
				NONE				